



ARKANSAS  
Department of Environmental Quality

**VIA EMAIL and STANDARD MAIL**  
**Return Receipt Requested**

June 16, 2009

USEPA Region 6  
Attn: Nancy Williams (6EN-WC)  
1445 Ross Avenue, Suite 1200  
Dallas, Texas 75202-2733

**RE: Discharge at Cedar Chemical Company, West Helena, Arkansas**  
**Former NPDES Permit Number AR0036412**  
**EPA ID #: ARD990660649; AFIN 54-00068**

Dear Ms. Williams:

The Arkansas Department of Environmental Quality – Hazardous Waste Division (ADEQ) began discharging from Cedar Chemical Company through Outfall 002 to the Mississippi River on June 1, 2009. Per Richard Greene's October 21, 2003 letter, this letter is notifying you that discharge has concluded. Discharge began on June 1, 2009 at 1140 hours and concluded on June 8, 2009 at 0640 hours. The volume of water discharged to the Mississippi River through Outfall 002 was approximately 1,382,516 gallons. There was no apparent impact on the receiving waters during the discharge.

I have attached the certified operator's log of the discharge from the Polish Pond and pH records. ADEQ can provide you with copies of the sampling results once they are available. If you have any questions regarding this discharging event, please do not hesitate to contact me at (501) 682-0836 or [mcdaniel@adeq.state.ar.us](mailto:mcdaniel@adeq.state.ar.us).

Sincerely,

A handwritten signature in cursive script that reads "Clay McDaniel".

Clay McDaniel  
Engineer  
Technical Branch  
Hazardous Waste Division

Enclosure: pH Calibration & Polish Pond Logs

## pH - Calibration

Date	Time	pH - 4.01	pH - 7.00	pH - 10.00	Temp (C)
4-13-09	06:36	4.00	7.00		20.3
4-14-09	12:33	3.99	7.01		22.2
4-15-09	09:01	4.00	7.00		26.2
4-16-09	09:20	4.00	7.01		27.0
4-17-09	10:24	4.00	7.01		27.8
4-20-09	09:23	4.00	7.04		15.6
4-21-09	09:50	4.00	7.03		15.5
4-22-09	09:23	4.00	7.03		16.7
4-23-09	09:07	3.99	7.00		21.5
4-24-09	09:46	4.00	7.00		22.4
4-25-09	10:11	4.01	6.99		23.6
4-29-09	09:41	4.01	7.00		23.6
4-30-09	11:12	4.01	7.00		24.0
5-1-09	09:26	4.00	7.00		24.4
5-2-09	09:11	4.02	7.00		22.4
5-3-09	12:02	4.01	7.01		20.2
5-4-09	10:15	4.02	7.02		17.9
5-5-09	10:20	4.00	6.99		20.4
5-6-09	08:54	4.00	7.00		19.1
5-7-09	09:07	4.00	7.01		22.1
5-8-09	11:38	3.99	6.99		25.8
5-9-09	08:57	4.01	7.01		23.5
5-10-09	11:58	3.99	7.03		18.2
5-11-09	11:56	3.99	7.03		16.6
5-12-09	11:36	4.00	7.00		25.2
5-13-09	11:36	4.00	6.99		28.7
5-14-09	11:36	4.02	7.00		29.8
5-15-09	11:36	4.02	7.00		30.7
5-16-09	11:36	4.04	7.01		30.9
5-17-09	11:36	4.01	7.01		22.9
5-18-09	06:36	4.01	7.02		22.2
5-19-09	09:40	3.99	7.02		20.8
5-20-09	10:25	3.99	7.00		22.9
5-21-09	09:40	4.00	7.00		25.3
5-22-09	09:36	4.01	7.01		25.1
5-23-09	08:43	4.02	7.01		24.2
5-24-09	13:00	4.01	7.01		22.5
5-25-09	08:24	4.02	7.00		22.8
5-26-09	13:21	4.01	7.00		27.2
5-27-09	10:32	4.02	7.00		27.4
5-28-09	10:04	4.00	7.00		23.4
5-29-09	09:47	4.01	7.00		23.5
5-30-09	10:15	4.00	6.98		24.9
6-1-09	11:56	4.00	6.99		30.3
6-2-09	11:36	4.01	6.98		34.6
6-3-09	11:36	4.01	6.99		33.2
6-4-09	11:36	4.02	7.01		29.5
6-5-09	11:36	4.01	6.99		27.7
6-6-09	11:36	4.01	6.99		30.2
6-7-09	11:36	4.01	6.99		32.8
6-8-09	06:36	4.02	6.99		31.0

Date	Time	Meter Reading	GPM	pH	Total gallons pumped
5/25/09	OFF				
5/26/09	OFF				
5/27/09	OFF				
5/28/09	OFF				
5/29/09	OFF				
5/30/09	OFF				
5/31/09	OFF				
6/1/09	11:40	3647001	N/A	7.95	N/A
6/2/09	11:40	3849837	140	7.96	202,831
6/3/09	11:40	4050346	139	7.33	200,514
6/4/09	11:40	4252304	140	6.89	201,958
6/5/09	11:40	4456486	142	6.61	204,182
6/6/09	11:40	4663054	143	6.34	206,568
6/7/09	11:40	4867498	142	6.31	204,444
6/8/09	06:40	5029517	142	6.45	162,019
	TOTAL	GALLONS	DISCHARGED		1,382,516
6/9/09	OFF				
6/10/09	OFF				

NO APPARENT  
IMPACT ON  
the River



ARKANSAS  
Department of Environmental Quality

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## HAZARDOUS WASTE DIVISION ROUTING SLIP

06/15/2009

Subject: **Cedar Chemical – West Helena, AR**  
**EPA notification of discharge to river**

From: Clay McDaniel *CM*

<u>Route in turn to:</u>	<u>Action Needed</u>	<u>Initials</u>	<u>Date</u>
A. Cusher	<input checked="" type="checkbox"/> Concurrence <input checked="" type="checkbox"/> Review	<i>AC</i>	<i>6/15/09</i>
T. Hynum	<input checked="" type="checkbox"/> Concurrence <input checked="" type="checkbox"/> Review	<i>TH</i>	<i>6/16/09</i>

**\*Note: Marking the Concurrence box indicates the individual agrees with the applicable text as it relates to their individual discipline and Work Section (e.g., Engineer; Risk Assessor; Geology; Compliance; Policy/Management), as applicable. Marking the Review box indicates the individual has read the document.**

### DISPOSITION:

Return to Clay McDaniel, HWD (682-0836) for reproduction, distribution of copies, filing, and mailing.

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### COMMENTS: